

FIG. 1A

Pool Of  $N$  Individuals

Individuals:  $N_1, N_2, N_3, \dots, N$

Time points:  $f_1, f_2, f_3, f_4, f_5, f_6, f_7$

States:  $s$  (susceptible),  $t$  (treated)

Individual	$f_1$	$f_2$	$f_3$	$f_4$	$f_5$	$f_6$	$f_7$
$N_1$	$s$	$s$	$s$	$s$	$s$	$s$	$s$
$N_2$	$t$	$t$	$s$	$s$	$s$	$t$	$s$
$N_3$	$t$	$t$	$s$	$t$	$s$	$t$	$t$
$\vdots$							
$N$	$t$	$t$	$s$	$t$	$s$	$t$	$s$

[illegible]

**FIG.-1C** { Polymorphic Subregion

The diagram illustrates a polymorphic subregion divided into four segments, labeled  $f_1$ ,  $f_2$ ,  $f_4$ , and  $f_7$ . Each segment is represented by a horizontal line with vertical tick marks at its boundaries. The boundaries are labeled with 's' and 't+/-' markers. The segments are arranged in a sequence, with  $f_1$  and  $f_2$  on the left, and  $f_4$  and  $f_7$  on the right. The labels  $f_1$ ,  $f_2$ ,  $f_4$ , and  $f_7$  are placed below their respective segments. The labels 's' and 't+/-' are placed above the boundary markers. The entire diagram is enclosed in a large curly bracket on the left, with the text 'Polymorphic Subregion' written above it.

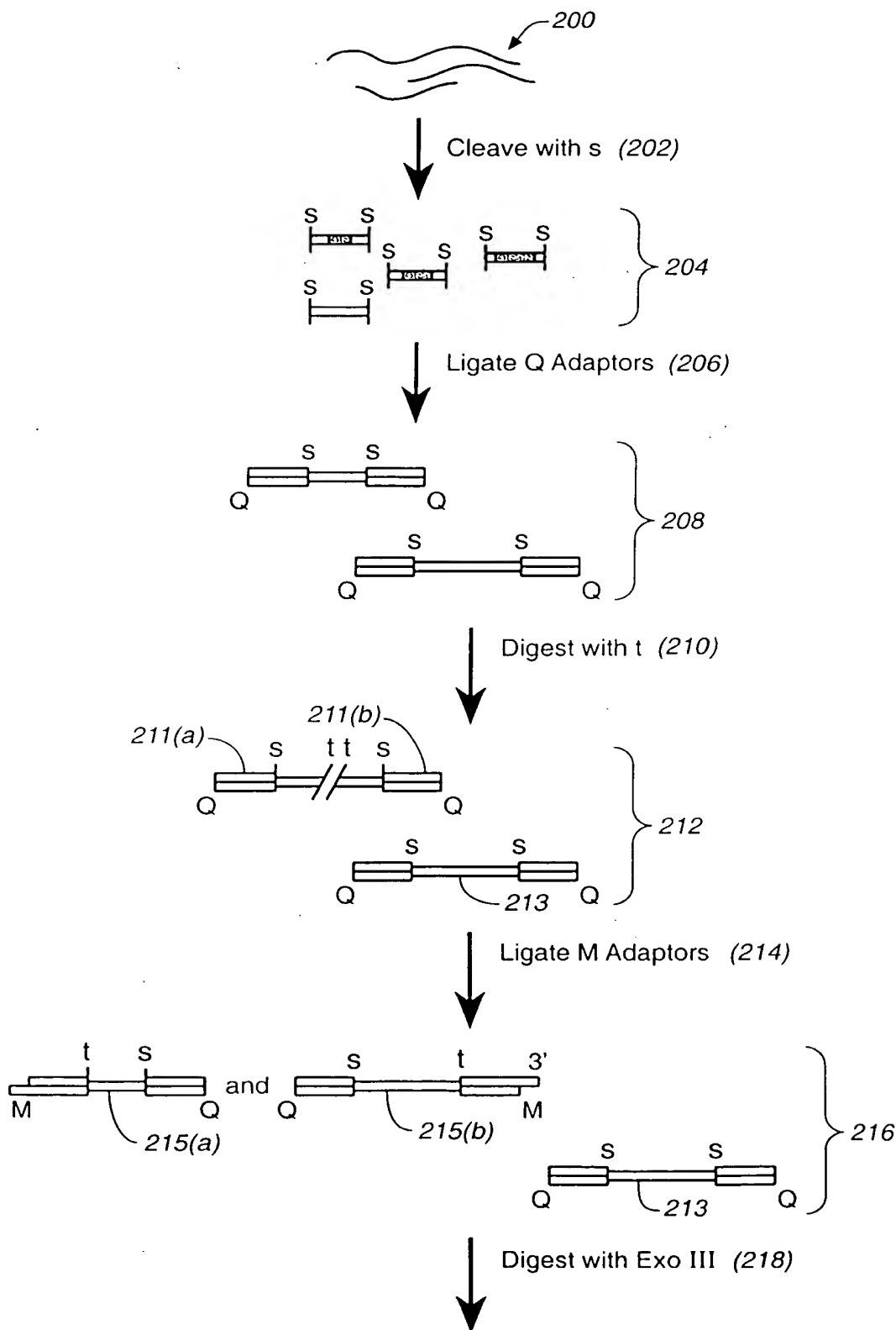
**FIG. 1D** { Library

$$\begin{array}{c} s \quad t \quad s \quad t \\ \text{---} \quad \text{---} \quad \text{---} \quad \text{---} \\ \text{and} \quad \text{and} \end{array}$$

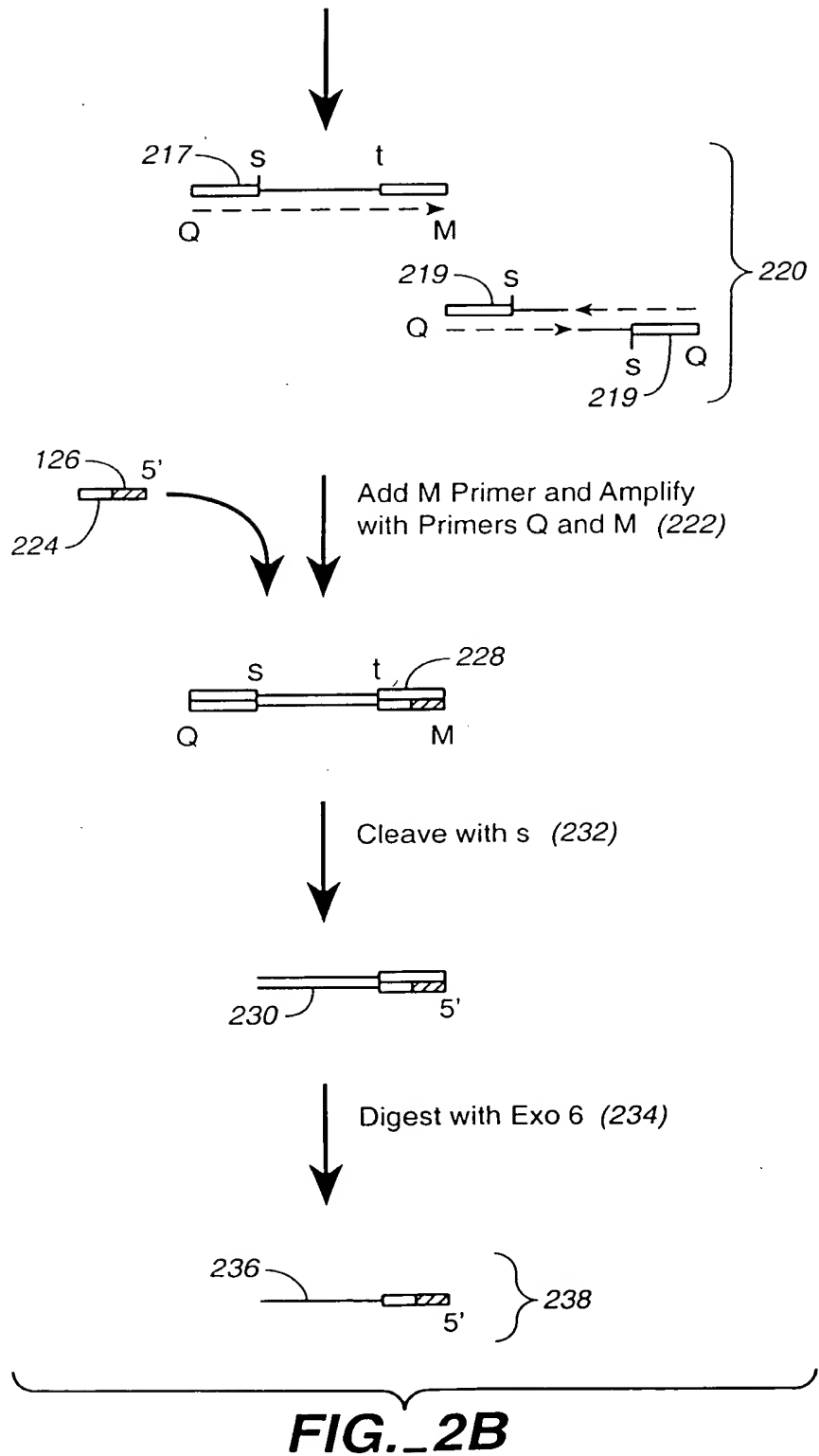
$$\begin{array}{c} s \quad t \quad s \quad t \quad s \\ \text{---} \quad \text{---} \quad \text{---} \quad \text{---} \quad \text{---} \\ \text{and} \quad \text{and} \end{array}$$

O.G. FIG.		SUBCLASS	
APPROVED	BY	CLASS	
DRAFTSMAN			

FIG. 2A

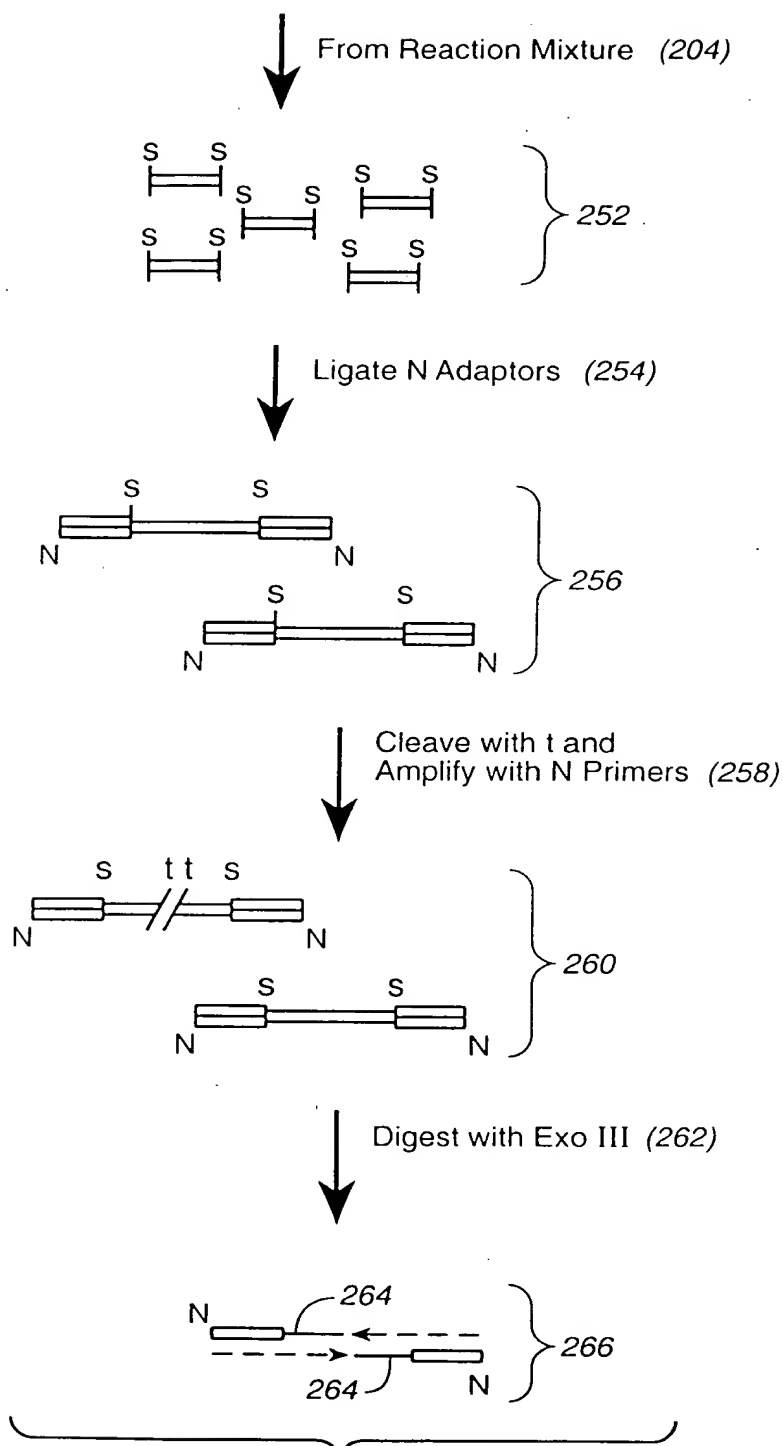


APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	



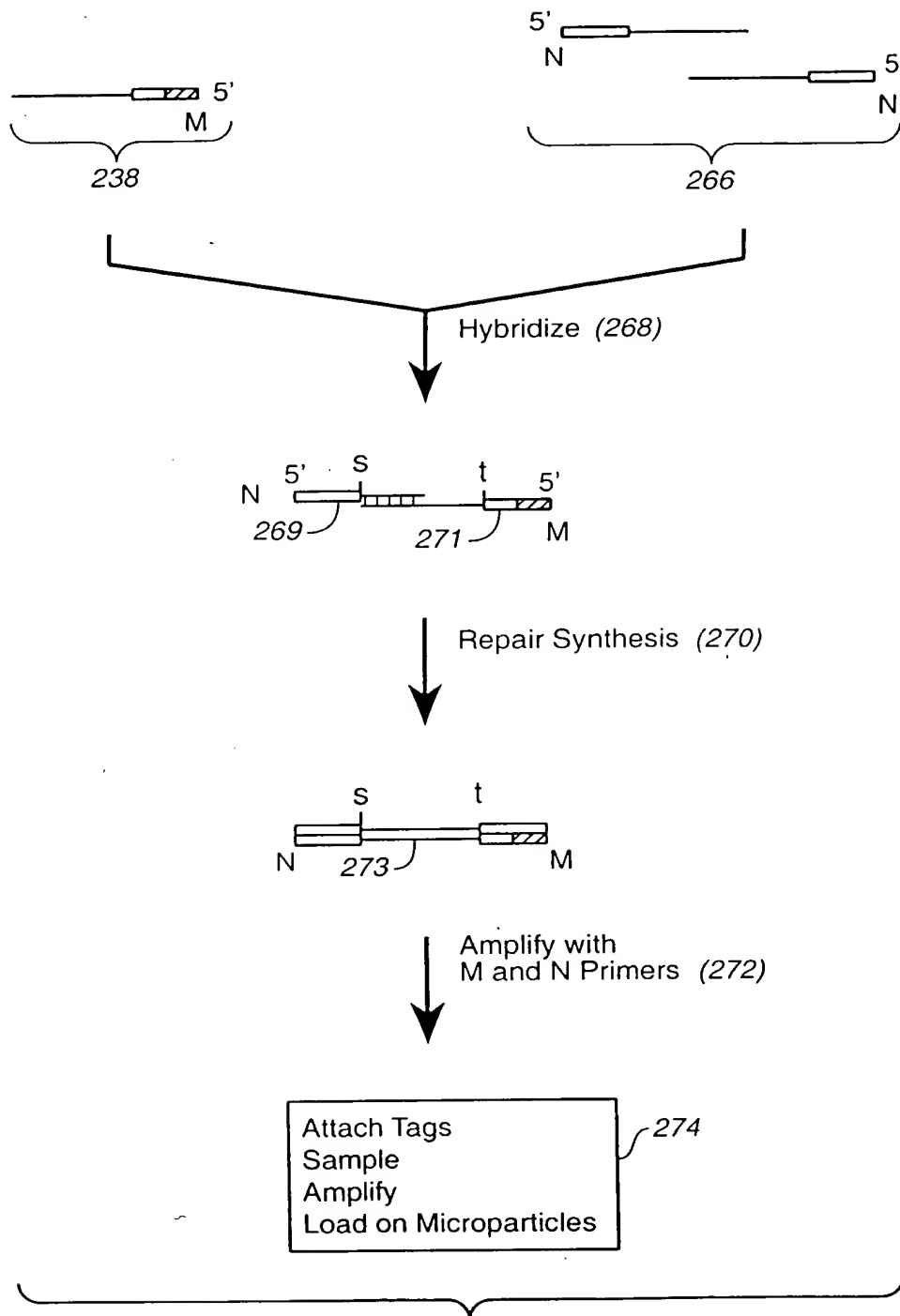
O.G. FIG.	
CLASS	SUBCLASS
APPROVED BY	DRAFTSMAN

TOP SECRET

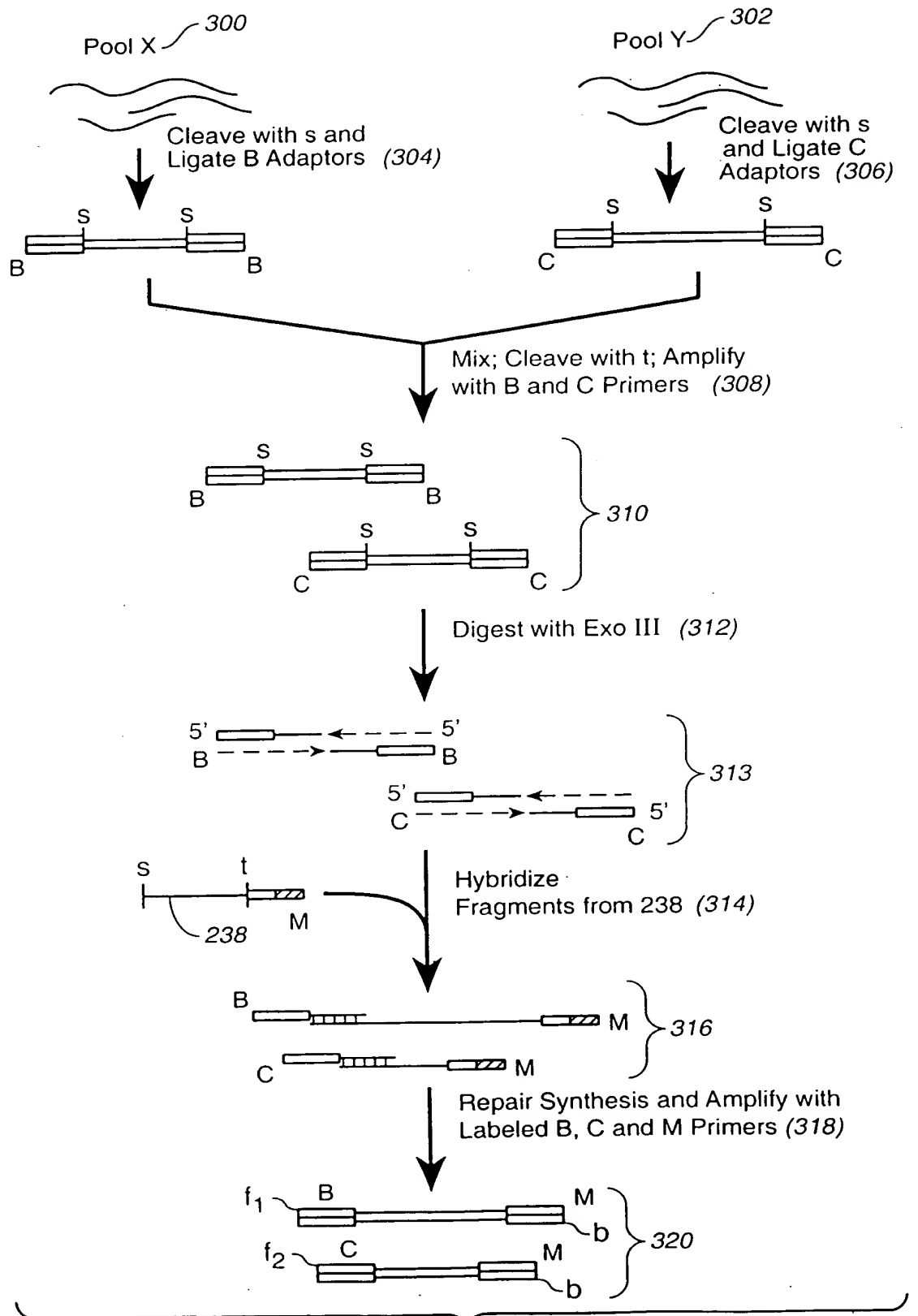


**FIG. 2C**

Q.G. FIG.		CLASS	SUBCLASS
APPROVED BY	DRAFTSMAN		

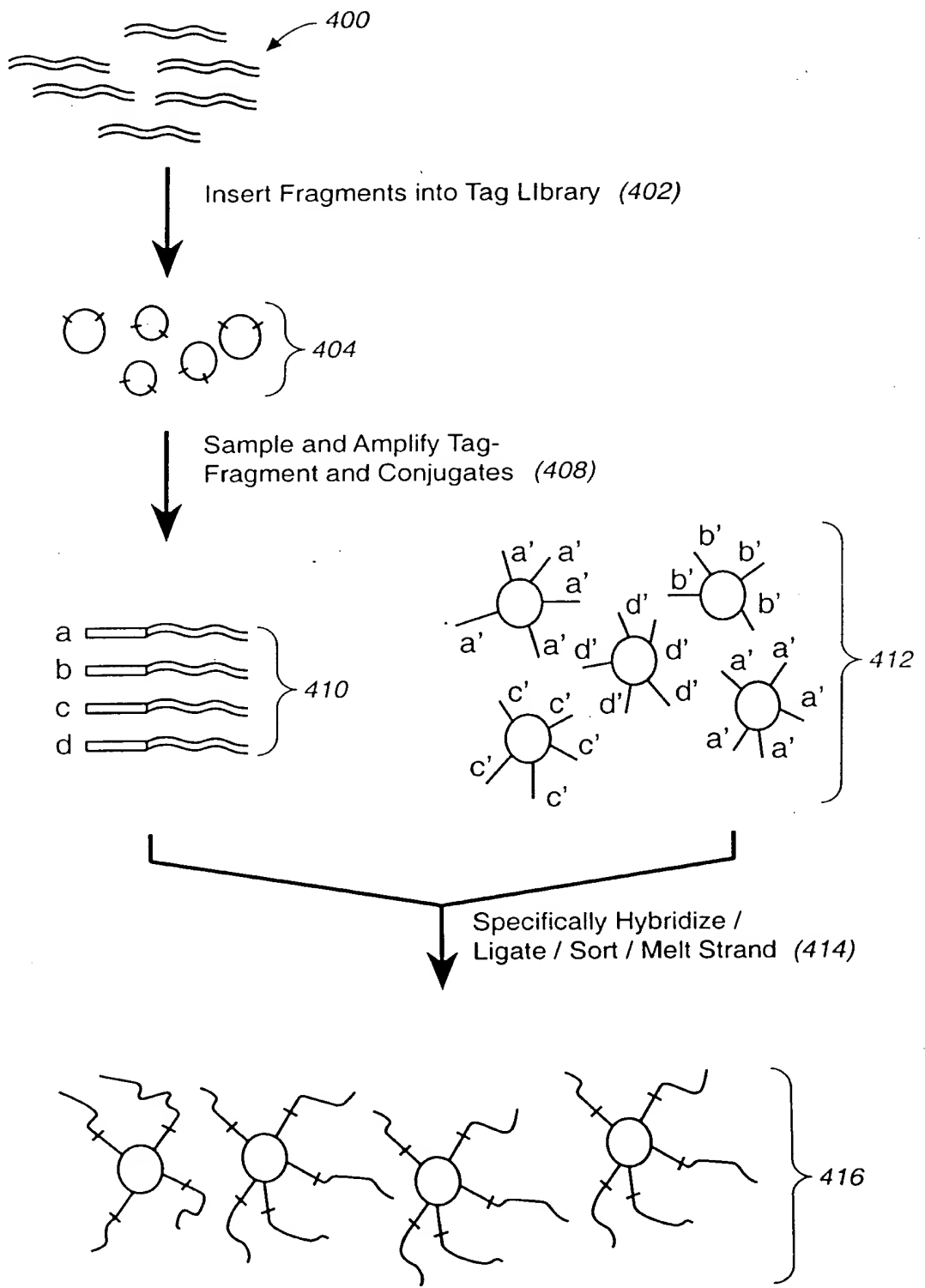


**FIG. 2D**



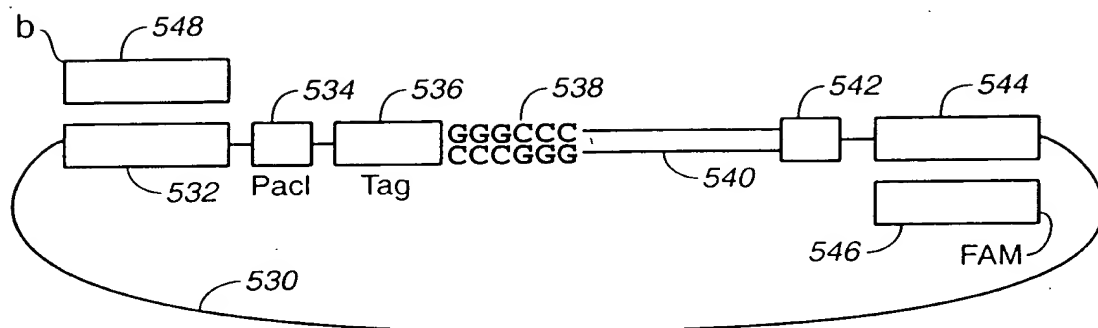
**FIG.-3**

FIG. 4

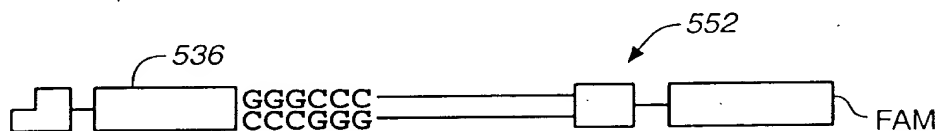


**FIG. 4**

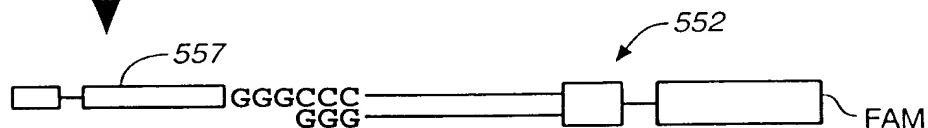
APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	



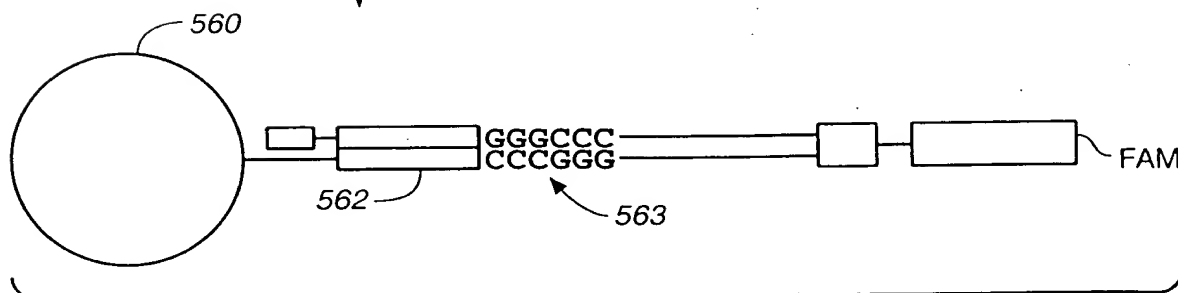
Amplify in Presence of 5-Me-CTP  
Isolate Amplicon by Streptavidin  
Capture Cleave with  
PacI Isolate FAM - Labeled DNA (556)



"Strip" Tag Sequence



Hybridize to Tag  
Complements on  
Beads Fill - In Ligate (558)

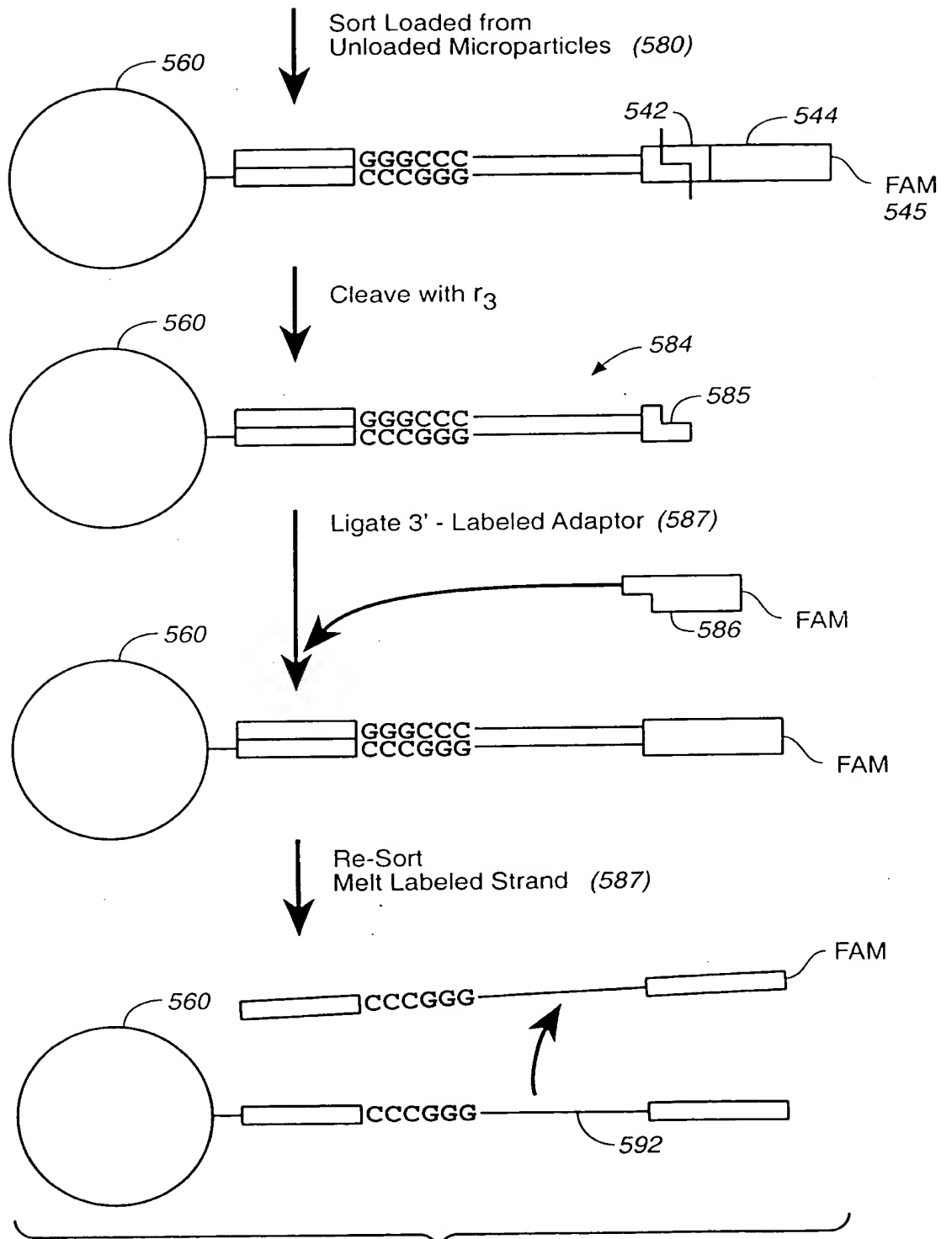


**FIG. 5A**



APPROVED BY DRAFTSMAN	O.G. FIG.		SUBCLASS
	CLASS		

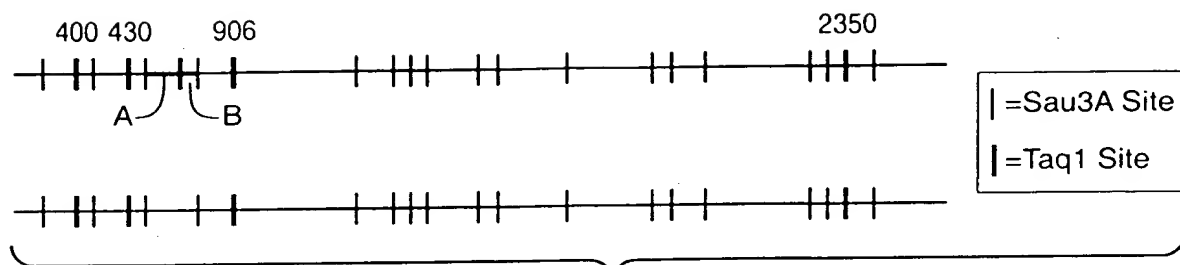
104280 02042500



**FIG. 5B**

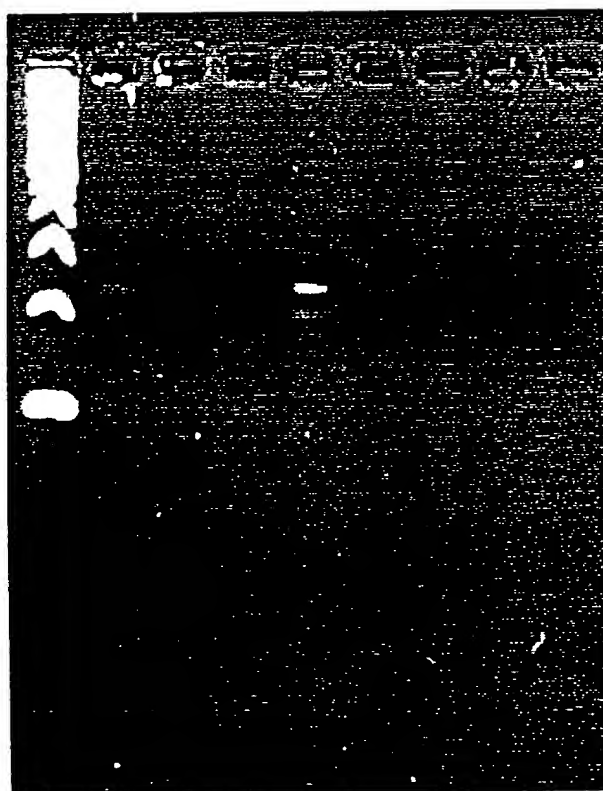


APPROVED	O.G. TAG	
	CLASS	SUBCLASS
BY	D. J. TISHMAN	



**FIG.\_7A**

Lambda			Plasmid		
+ Plasmid					
+/ -	+	-	+/ -	+	-



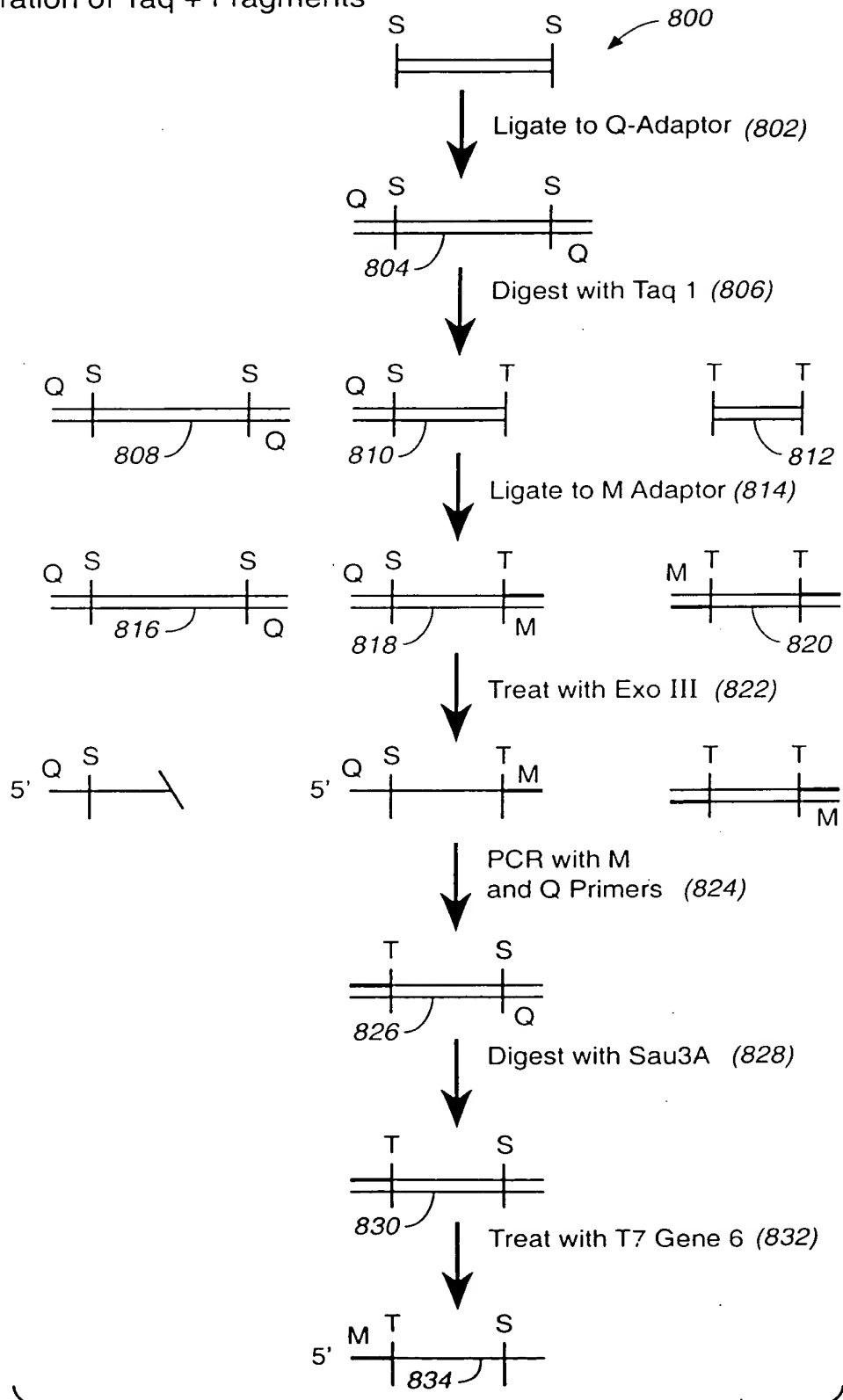
Expected Bands: Approx. 190bp  
230bp

**FIG.\_7B**

TOP SECRET

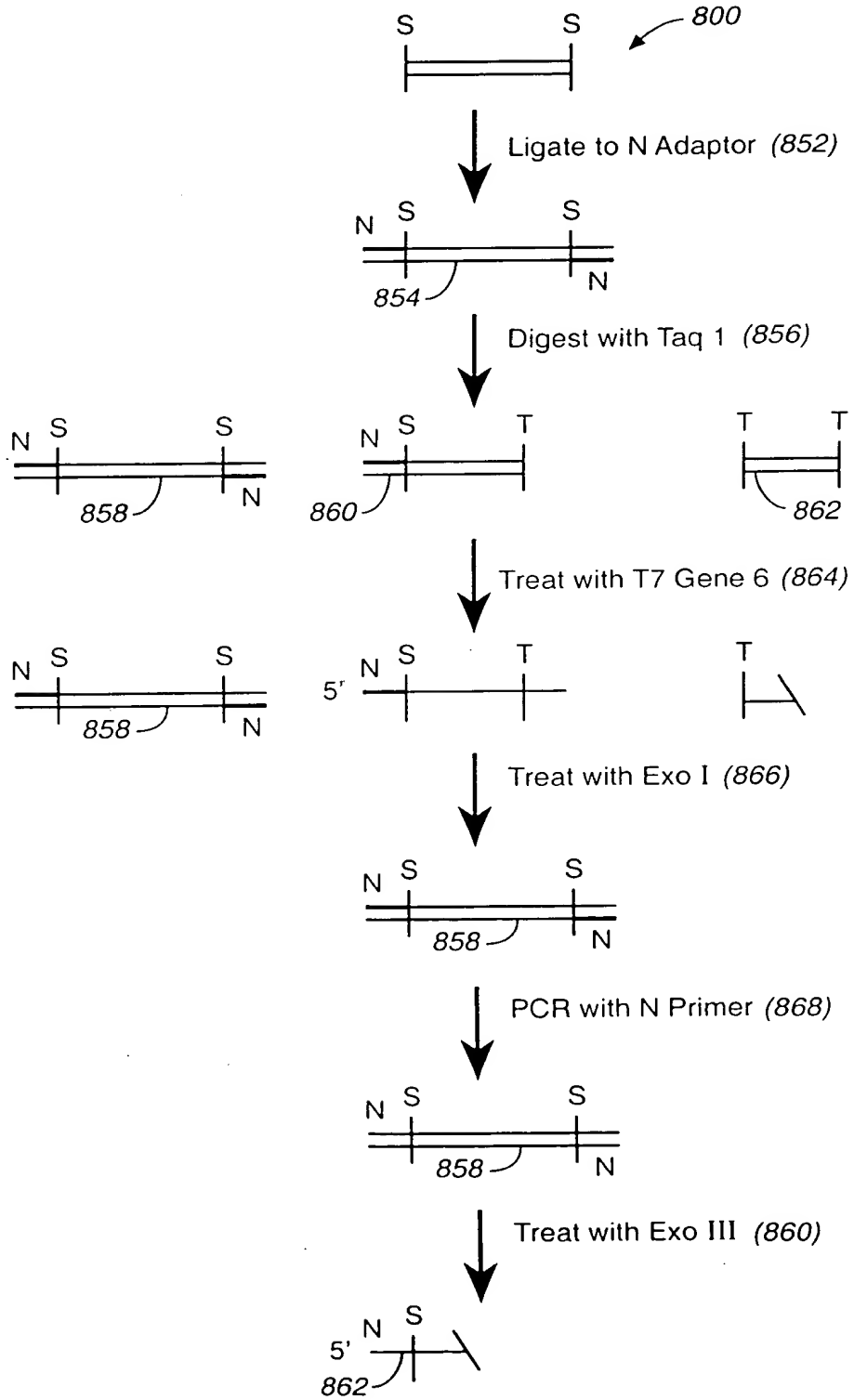
APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

## Generation of Taq + Fragments



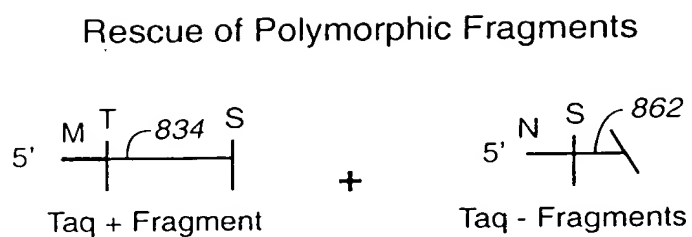
40200 02010600

# Generation of Taq - Fragments

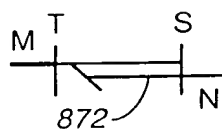


**FIG. 8B**

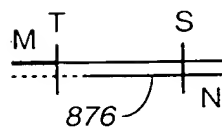
APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------



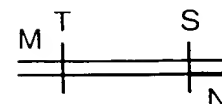
↓ Anneal (870)



↓ Extend with  
T4 Polymerase (874)



↓ PCR with M and N



**FIG.\_8C**

T01289 02048000

101250 00012600

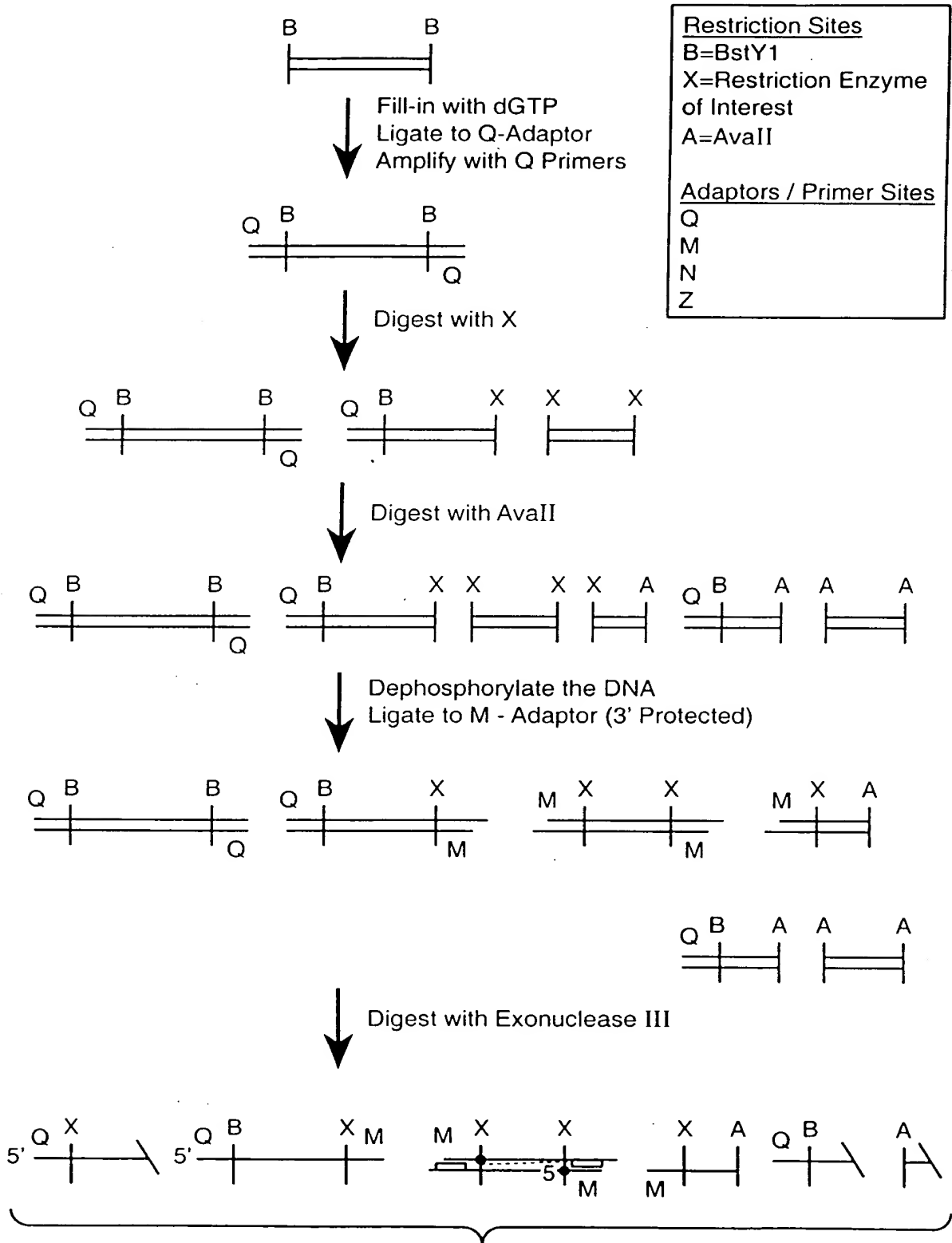


FIG. 9A







O.G. FIG.		SUBCLASS
CLASS		
APPROVED BY	DRAFTSMAN	

TOP SECRET

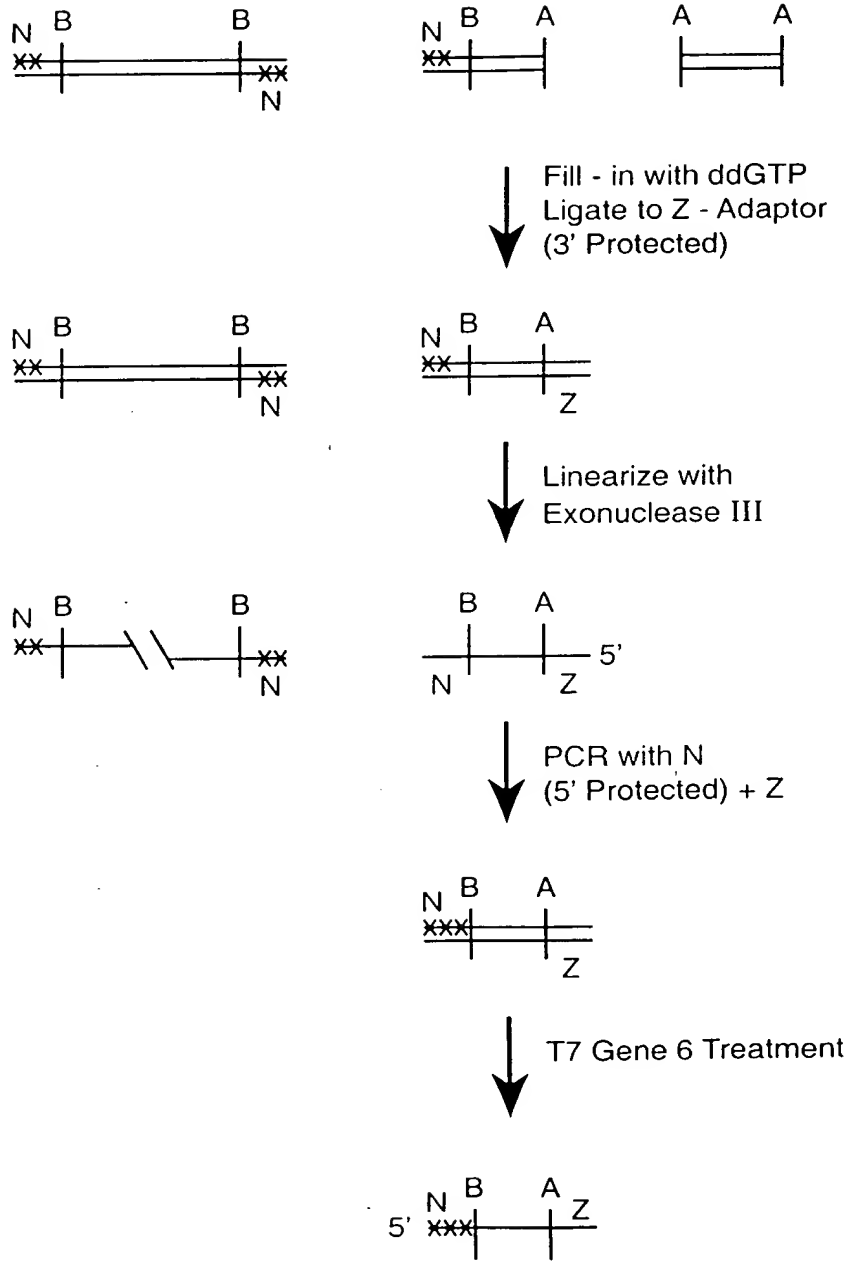


FIG. 10B

[illegible]